Improvements toRoads and drains at Kempanna Layout, Hanuman Layout and Sriarchid Layout in ward no 10 Doddabommasandra Vidyaranyapura Sub Division

EMB

FIRST AND FINAL BILL

Improvements toRoads and drains at Kempanna Layout, Hanuman Layout and Sriarchid Layout in ward no 10 Doddabommasandra Vidyaranyapura Sub Division

EMB

FIRST AND FINAL BILL

PRE-MEASUREMENT SHEET

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to Roads and Drains at Kempanna Layout, Hanuman Layout and Sriarchid Layout in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements Taken On :		01/03/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
		LHS									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	39.9		Cum	1	9.90	0.45	0.45	0.45	0.45	2.00	
		RHS									
		From mahesh memorial School To # 12 Sannidhi House									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	35.1		Cum	1	5.10	0.45	0.45	0.45	0.45	1.03	
		1st Main Road									
		From House No 15 to G.A Medical Shop									
		LHS									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60	75		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
75	90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
90	106.25		Cum	1	16.25	0.45	0.45	0.45	0.45	3.29	
		RHS									
		From House No 15 to G.A Medical Shop									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60	75		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
75	90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
90	101		Cum	1	11.00	0.45	0.45	0.45	0.45	2.23	

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Pa
52.16

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
		LHS									
0	14		Cum	1	14.00	0.45	0.45	0.45	0.45	2.84	
14	26.5		Cum	1	12.50	0.45	0.45	0.45	0.45	2.53	
		5th Cross Road			Smitha .NR AEN10						
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
		LHS									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60	75		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
75	90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
90	105		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
105	120		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
120	130.1		Cum	1	10.10	0.45	0.45	0.45	0.45	2.05	
		RHS			Smitha .NR AEN10						
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60	75		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
75	90		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
90	105		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
105	120		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
120	130.1		Cum	1	10.10	0.45	0.45	0.45	0.45	2.05	
		Cross Road			Smitha .NR AEN10						
		From #23 Dwaraka House to #8 Halcyon Nest House									
		LHS									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45	60		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
60	65		Cum	1	5.00	0.45	0.45	0.45	0.45	1.01	

57.16

CHC

ASSISTANT EXECUTIVE ENGINEER
Vijayaranyapura Sub-Division
Bruhath Bengaluru Mahanagara P

188.37

Contactor

Smitha .NR
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		RHS									
		From #23 Dwaraka House to #8 Halcyon Nest House									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
30	45		Cum	1	15.00	0.45	0.45	0.45	0.45	3.04	
45	58.5		Cum	1	13.50	0.45	0.45	0.45	0.45	2.73	
									TOTAL	140.22	

128.37

Sunitha.N.K
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor | Assistant Engineer | Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.02		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .									
Measurements Taken On :		31/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
		LHS									
2	12.9		Sqm	1	10.90	0.90	0.90	0.90		9.81	
16	28		Sqm	1	12.00	0.90	0.90	0.90		10.80	
30	37		Sqm	1	7.00	0.90	0.90	0.90		6.30	
		RHS									
		From mahesh memorial School To # 12 Sannidhi House									
3	14		Sqm	1	11.00	0.90	0.90	0.90		9.90	
17	27.2		Sqm	1	10.20	0.90	0.90	0.90		9.18	
30	35.1		Sqm	1	5.10	0.90	0.90	0.90		4.59	
		1st Main Road									
		From House No 15 to G.A Medical Shop									
		LHS									
2	12		Sqm	1	10.00	0.90	0.90	0.90		9.00	
16	28.5		Sqm	1	12.50	0.90	0.90	0.90		11.25	
32	43.2		Sqm	1	11.20	0.90	0.90	0.90		10.08	
46	58		Sqm	1	12.00	0.90	0.90	0.90		10.80	
60	73		Sqm	1	13.00	0.90	0.90	0.90		11.70	
75	85		Sqm	1	10.00	0.90	0.90	0.90		9.00	
91	102		Sqm	1	11.00	0.90	0.90	0.90		9.90	
		RHS									
		From House No 15 to G.A Medical Shop									
4	12		Sqm	1	8.00	0.90	0.90	0.90		7.20	
15	28		Sqm	1	13.00	0.90	0.90	0.90		11.70	
30.2	43		Sqm	1	12.80	0.90	0.90	0.90		11.52	
47	58		Sqm	1	11.00	0.90	0.90	0.90		9.90	
60	72		Sqm	1	12.00	0.90	0.90	0.90		10.80	
76	88		Sqm	1	12.00	0.90	0.90	0.90		10.80	
90	97		Sqm	1	7.00	0.90	0.90	0.90		6.30	
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
		LHS									
3	14		Sqm	1	11.00	0.90	0.90	0.90		9.90	
16	24.9		Sqm	1	8.90	0.90	0.90	0.90		8.01	

Suvitha.NK AE&JIO

Suvitha.NK AE&JIO

Suvitha.NK AE&JIO

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub Division Bruhath Bengaluru Mahanagara P

208.214

Contactor

Suvitha.NK
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
		LHS									
3	14		Sqm	1	11.00	0.90	0.90	0.90		9.90	
16	27		Sqm	1	11.00	0.90	0.90	0.90		9.90	
30	42.6		Sqm	1	12.60	0.90	0.90	0.90		11.34	
45	57		Sqm	1	12.00	0.90	0.90	0.90		10.80	
62	73		Sqm	1	11.00	0.90	0.90	0.90		9.90	
78	88		Sqm	1	10.00	0.90	0.90	0.90		9.00	
92	103		Sqm	1	11.00	0.90	0.90	0.90		9.90	
105	117		Sqm	1	12.00	0.90	0.90	0.90		10.80	
120	127		Sqm	1	7.00	0.90	0.90	0.90		6.30	
		RHS									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
4	13		Sqm	1	9.00	0.90	0.90	0.90		8.10	
15	27		Sqm	1	12.00	0.90	0.90	0.90		10.80	
33	42		Sqm	1	9.00	0.90	0.90	0.90		8.10	
45	58.6		Sqm	1	13.60	0.90	0.90	0.90		12.24	
60	72		Sqm	1	12.00	0.90	0.90	0.90		10.80	
75	87		Sqm	1	12.00	0.90	0.90	0.90		10.80	
91	103		Sqm	1	12.00	0.90	0.90	0.90		10.80	
107	118		Sqm	1	11.00	0.90	0.90	0.90		9.90	
120	127		Sqm	1	7.00	0.90	0.90	0.90		6.30	
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
		LHS									
2	13		Sqm	1	11.00	0.90	0.90	0.90		9.90	
15	27		Sqm	1	12.00	0.90	0.90	0.90		10.80	
32	43		Sqm	1	11.00	0.90	0.90	0.90		9.90	
45	59.7		Sqm	1	14.70	0.90	0.90	0.90		13.23	
		RHS									
		From #23 Dwaraka House to #8 Halcyon Nest House									
5	13		Sqm	1	8.00	0.90	0.90	0.90		7.20	
15.1	28		Sqm	1	12.90	0.90	0.90	0.90		11.61	
30	43		Sqm	1	13.00	0.90	0.90	0.90		11.70	
45	55		Sqm	1	10.00	0.90	0.90	0.90		9.00	
									TOTAL	467.46	

208.44

Smitha.NK AE/JD

Smitha.NK AE/JD

Smitha.NK AE/JD

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET												
FIRST AND FINAL BILL												
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.03		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work.									
Measurements Taken On :		4/3/21									
		For Road									
		Subbanna Layout									
		2nd E Cross Road									
		From West To East									
0	15		Cum	1	15.00	5.00	4.40	4.70	0.15	10.58	
15	25		Cum	1	10.00	4.40	4.00	4.20	0.15	6.30	
25	26.2		Cum	1	1.20	4.30	4.30	4.30	0.15	0.77	
26.2	30		Cum	1	3.80	3.70	4.00	3.85	0.15	2.19	
30	41		Cum	1	11.00	4.00	4.30	4.15	0.15	6.85	
41	46.3		Cum	1	5.30	4.00	4.40	4.20	0.15	3.34	
46.3	60		Cum	1	13.70	4.40	4.30	4.35	0.15	8.94	
60	75		Cum	1	15.00	4.30	3.90	4.10	0.15	9.23	
75	83.7		Cum	1	8.70	3.90	3.40	3.65	0.15	4.76	
83.7	84.8		Cum	1	1.10	3.40	3.00	3.20	0.15	0.53	
		Doddabommasandra 4th Stage									
		1st Cross Road									
		From Dead End									
0	2.2		Cum	1	2.20	3.70	4.00	3.85	0.15	1.27	
2.2	4.3		Cum	1	2.10	3.30	3.50	3.40	0.15	1.07	
4.3	15		Cum	1	10.70	4.10	4.90	4.50	0.15	7.22	
15	25.1		Cum	1	10.10	4.90	5.15	5.03	0.15	7.61	
25.1	27		Cum	1	1.90	5.15	5.35	5.25	0.15	1.50	
									TOTAL	72.16	

Sunitha.N.R AE(W)10

Sunitha.N.R AE(W)10

ASSISTANT EXECUTIVE ENGINEER Vijayaranyapura Sub Division Bruhath Bengaluru Mahanagara Pa

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.05		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements Taken On :		2/03/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	6		Cum	1	6.00	1.60	1.60	1.60	0.23	2.21	
12	17.5		Cum	1	5.50	1.20	1.20	1.20	0.23	1.52	
20	22		Cum	1	2.00	1.50	1.50	1.50	0.23	0.69	
		1st Main Road				Sunitha.N.L AE/AO					
		From House No 15 to G.A Medical Shop									
2	6		Cum	1	4.00	1.30	1.40	1.35	0.23	1.24	
12	18		Cum	1	6.00	1.60	1.60	1.60	0.23	2.21	
26	28		Cum	1	2.00	0.90	0.90	0.90	0.23	0.41	
43	49		Cum	1	6.00	1.10	1.10	1.10	0.23	1.52	
65	75		Cum	1	10.00	1.50	1.50	1.50	0.23	3.45	
82	86		Cum	1	4.00	1.40	1.40	1.40	0.23	1.29	
92	98		Cum	1	6.00	1.70	1.70	1.70	0.23	2.35	
		1st main to 2nd Main Connecting Road				Sunitha.N.L AE/AO					
		From 1st main to 2nd main Road									
6	10		Cum	1	4.00	1.30	1.30	1.30	0.23	1.20	
15	22		Cum	1	7.00	1.45	1.45	1.45	0.23	2.33	
28	30		Cum	1	2.00	1.55	1.55	1.55	0.23	0.71	
		5th Cross Road				Sunitha.N.L AE/AO					
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
3	9		Cum	1	6.00	1.30	1.30	1.30	0.23	1.79	
15	18		Cum	1	3.00	1.10	1.10	1.10	0.23	0.76	
22	26		Cum	1	4.00	1.60	1.60	1.60	0.23	1.47	
30	38		Cum	1	8.00	0.75	0.75	0.75	0.23	1.38	
45	49		Cum	1	4.00	1.30	1.30	1.30	0.23	1.20	
63	70		Cum	1	7.00	1.25	1.25	1.25	0.23	2.01	
78	83		Cum	1	5.00	1.45	1.45	1.45	0.23	1.67	
92	95		Cum	1	3.00	1.60	1.60	1.60	0.23	1.10	

Sunitha.N.L AE/AO

32.51

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
3	5		Cum	1	2.00	1.20	1.20	1.20	0.23	0.55	
14	18		Cum	1	4.00	1.50	1.50	1.50	0.23	1.38	
35	42		Cum	1	7.00	1.70	1.70	1.70	0.23	2.74	
49	52		Cum	1	3.00	1.20	1.20	1.20	0.23	0.83	
		For CC Road									
		Subbanna Layout									
		2nd E Cross Road									
		From West To East									
0	15		Cum	1	15.00	5.00	4.40	4.70	0.15	10.58	
15	25		Cum	1	10.00	4.40	4.00	4.20	0.15	6.30	
25	26.2		Cum	1	1.20	4.30	4.30	4.30	0.15	0.77	
26.2	30		Cum	1	3.80	3.70	4.00	3.85	0.15	2.19	
30	41		Cum	1	11.00	4.00	4.30	4.15	0.15	6.85	
41	46.3		Cum	1	5.30	4.00	4.40	4.20	0.15	3.34	
46.3	60		Cum	1	13.70	4.40	4.30	4.35	0.15	8.94	
60	75		Cum	1	15.00	4.30	3.90	4.10	0.15	9.23	
75	83.7		Cum	1	8.70	3.90	3.40	3.65	0.15	4.76	
83.7	84.8		Cum	1	1.10	3.40	3.00	3.20	0.15	0.53	
		Doddabommasandra 4th Stage									
		1st Cross Road									
		From Dead End									
0	2.2		Cum	1	2.20	3.70	4.00	3.85	0.15	1.27	
2.2	4.3		Cum	1	2.10	3.30	3.50	3.40	0.15	1.07	
4.3	15		Cum	1	10.70	4.10	4.90	4.50	0.15	7.22	
15	25.1		Cum	1	10.10	4.90	5.15	5.03	0.15	7.61	
25.1	27		Cum	1	1.90	5.15	5.35	5.25	0.15	1.50	
									TOTAL	110.17	

32.51

Smitha.N.R AE/W10

Smitha N R AE/W10

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara Pa

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.06		Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements Taken On :		23/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	6		Cum	1	6.00	1.60	1.60	1.60	0.23	2.21	
12	17.5		Cum	1	5.50	1.20	1.20	1.20	0.23	1.52	
20	22		Cum	1	2.00	1.50	1.50	1.50	0.23	0.69	
		1st Main Road									
		From House No 15 to G.A Medical Shop									
2	6		Cum	1	4.00	1.30	1.40	1.35	0.23	1.24	
12	18		Cum	1	6.00	1.60	1.60	1.60	0.23	2.21	
26	28		Cum	1	2.00	0.90	0.90	0.90	0.23	0.41	
43	49		Cum	1	6.00	1.10	1.10	1.10	0.23	1.52	
65	75		Cum	1	10.00	1.50	1.50	1.50	0.23	3.45	
82	86		Cum	1	4.00	1.40	1.40	1.40	0.23	1.29	
92	98		Cum	1	6.00	1.70	1.70	1.70	0.23	2.35	
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
6	10		Cum	1	4.00	1.30	1.30	1.30	0.23	1.20	
15	22		Cum	1	7.00	1.45	1.45	1.45	0.23	2.33	
28	30		Cum	1	2.00	1.55	1.55	1.55	0.23	0.71	
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
3	9		Cum	1	6.00	1.30	1.30	1.30	0.23	1.79	
15	18		Cum	1	3.00	1.10	1.10	1.10	0.23	0.76	
22	26		Cum	1	4.00	1.60	1.60	1.60	0.23	1.47	
30	38		Cum	1	8.00	0.75	0.75	0.75	0.23	1.38	
45	49		Cum	1	4.00	1.30	1.30	1.30	0.23	1.20	
63	70		Cum	1	7.00	1.25	1.25	1.25	0.23	2.01	
78	83		Cum	1	5.00	1.45	1.45	1.45	0.23	1.67	
92	95		Cum	1	3.00	1.60	1.60	1.60	0.23	1.10	

Smitha.NL AE/W10

Smitha.NL AE/W10

Smitha.NL AE/W10

39.51

ASSISTANT EXECUTIVE ENGINEER Vijayanagar Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
3	5		Cum	1	2.00	1.20	1.20	1.20	0.23	0.55	
14	18		Cum	1	4.00	1.50	1.50	1.50	0.23	1.38	
35	42		Cum	1	7.00	1.70	1.70	1.70	0.23	2.74	
49	52		Cum	1	3.00	1.20	1.20	1.20	0.23	0.83	
									TOTAL	38.01	

32.45

Suvitha. N L
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.07		Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements Taken On :		29/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	6		Sqm	1	6.00	1.60	1.60	1.60		9.60	
12	17.5		Sqm	1	5.50	1.20	1.20	1.20		6.60	
20	22		Sqm	1	2.00	1.50	1.50	1.50		3.00	
		1st Main Road				Smitha.NK AEN10					
		From House No 15 to G.A Medical Shop									
2	6		Sqm	1	4.00	1.30	1.40	1.35		5.40	
12	18		Sqm	1	6.00	1.60	1.60	1.60		9.60	
26	28		Sqm	1	2.00	0.90	0.90	0.90		1.80	
43	49		Sqm	1	6.00	1.10	1.10	1.10		6.60	
65	75		Sqm	1	10.00	1.50	1.50	1.50		15.00	
82	86		Sqm	1	4.00	1.40	1.40	1.40		5.60	
92	98		Sqm	1	6.00	1.70	1.70	1.70		10.20	
		1st main to 2nd Main Connecting Road				Smitha.NK AEN10					
		From 1st main to 2nd main Road									
6	10		Sqm	1	4.00	1.30	1.30	1.30		5.20	
15	22		Sqm	1	7.00	1.45	1.45	1.45		10.15	
28	30		Sqm	1	2.00	1.55	1.55	1.55		3.10	
		5th Cross Road				Smitha.NK AEN10					
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
3	9		Sqm	1	6.00	1.30	1.30	1.30		7.80	
15	18		Sqm	1	3.00	1.10	1.10	1.10		3.30	
22	26		Sqm	1	4.00	1.60	1.60	1.60		6.40	
30	38		Sqm	1	8.00	0.75	0.75	0.75		6.00	
45	49		Sqm	1	4.00	1.30	1.30	1.30		5.20	
63	70		Sqm	1	7.00	1.25	1.25	1.25		8.75	
78	83		Sqm	1	5.00	1.45	1.45	1.45		7.25	
92	95		Sqm	1	3.00	1.60	1.60	1.60		4.80	

Smitha.NK AEN10

141.35

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara P

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
3	5		Sqm	1	2.00	1.20	1.20	1.20		2.40	
14	18		Sqm	1	4.00	1.50	1.50	1.50		6.00	
35	42		Sqm	1	7.00	1.70	1.70	1.70		11.90	
49	52		Sqm	1	3.00	1.20	1.20	1.20		3.60	
		For Profile Correction									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	8		Sqm	1	8.00	1.45	1.45	1.45		11.60	
11	18		Sqm	1	7.00	1.60	1.60	1.60		11.20	
20	22		Sqm	1	2.00	1.40	1.40	1.40		2.80	
		1st Main Road									
		From House No 15 to G.A Medical Shop									
2	8		Sqm	1	6.00	1.60	1.60	1.60		9.60	
12	19		Sqm	1	7.00	1.30	1.30	1.30		9.10	
26	28		Sqm	1	2.00	1.20	1.20	1.20		2.40	
43	55		Sqm	1	12.00	1.70	1.70	1.70		20.40	
63	75		Sqm	1	12.00	1.55	1.55	1.55		18.60	
82	88		Sqm	1	6.00	1.50	1.50	1.50		9.00	
92	99		Sqm	1	7.00	1.50	1.50	1.50		10.50	
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
5	11		Sqm	1	6.00	1.50	1.50	1.50		9.00	
21	24		Sqm	1	3.00	1.35	1.35	1.35		4.05	
28	30		Sqm	1	2.00	1.30	1.30	1.30		2.60	
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
2	9		Sqm	1	7.00	1.60	1.60	1.60		11.20	
13	18		Sqm	1	5.00	1.45	1.45	1.45		7.25	
22	28		Sqm	1	6.00	1.40	1.40	1.40		8.40	
30	39		Sqm	1	9.00	1.70	1.70	1.70		15.30	
43	51		Sqm	1	8.00	1.45	1.45	1.45		11.60	
63	71		Sqm	1	8.00	1.25	1.25	1.25		10.00	
78	86		Sqm	1	8.00	1.80	1.80	1.80		14.40	
92	95		Sqm	1	3.00	1.65	1.65	1.65		4.95	
107	121		Sqm	1	14.00	2.50	2.50	2.50		35.00	
126	129		Sqm	1	3.00	2.00	2.00	2.00		6.00	

Smitha.NR AEW10

Smitha.NR AEW10

Smitha.NR AEW10

Smitha.NR AEW10

141.35

410.20

Assistant Executive Engineer Vijayanagara Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
4	10		Sqm	1	6.00	1.80	1.80	1.80		10.80	
14	23		Sqm	1	9.00	1.65	1.65	1.65		14.85	
32	42		Sqm	1	10.00	1.80	1.80	1.80		18.00	
47	50		Sqm	1	3.00	1.25	1.25	1.25		3.75	
									TOTAL	457.60	

4.10.20

Sunitha. NK
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Pa

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.08		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements Taken On :		30/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	6		Sqm	1	6.00	1.60	1.60	1.60		9.60	
12	17.5		Sqm	1	5.50	1.20	1.20	1.20		6.60	
20	22		Sqm	1	2.00	1.50	1.50	1.50		3.00	
		1st Main Road				Smitha.NK AE/WO					
		From House No 15 to G.A Medical Shop									
2	6		Sqm	1	4.00	1.30	1.40	1.35		5.40	
12	18		Sqm	1	6.00	1.60	1.60	1.60		9.60	
26	28		Sqm	1	2.00	0.90	0.90	0.90		1.80	
43	49		Sqm	1	6.00	1.10	1.10	1.10		6.60	
65	75		Sqm	1	10.00	1.50	1.50	1.50		15.00	
82	86		Sqm	1	4.00	1.40	1.40	1.40		5.60	
92	98		Sqm	1	6.00	1.70	1.70	1.70		10.20	
		1st main to 2nd Main Connecting Road				Smitha.NK AE/WO					
		From 1st main to 2nd main Road									
6	10		Sqm	1	4.00	1.30	1.30	1.30		5.20	
15	22		Sqm	1	7.00	1.45	1.45	1.45		10.15	
28	30		Sqm	1	2.00	1.55	1.55	1.55		3.10	
		5th Cross Road				Smitha.NK AE/WO					
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
3	9		Sqm	1	6.00	1.30	1.30	1.30		7.80	
15	18		Sqm	1	3.00	1.10	1.10	1.10		3.30	
22	26		Sqm	1	4.00	1.60	1.60	1.60		6.40	
30	38		Sqm	1	8.00	0.75	0.75	0.75		6.00	
45	49		Sqm	1	4.00	1.30	1.30	1.30		5.20	
63	70		Sqm	1	7.00	1.25	1.25	1.25		8.75	
78	83		Sqm	1	5.00	1.45	1.45	1.45		7.25	
92	95		Sqm	1	3.00	1.60	1.60	1.60		4.80	
		Cross Road				Smitha.NK AE/WO					
		From #23 Dwaraka House to #8 Halcyon Nest House									
3	5		Sqm	1	2.00	1.20	1.20	1.20		2.40	
14	18		Sqm	1	4.00	1.50	1.50	1.50		6.00	

143.75

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bengaluru Mahanagara

Contactor

Smitha.NK
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
35	42		Sqm	1	7.00	1.70	1.70	1.70		11.90	
49	52		Sqm	1	3.00	1.20	1.20	1.20		3.60	
							Smitha.NL AE/WIO				
		For Profile Correction									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	8		Sqm	1	8.00	1.45	1.45	1.45		11.60	
11	18		Sqm	1	7.00	1.60	1.60	1.60		11.20	
20	22		Sqm	1	2.00	1.40	1.40	1.40		2.80	
							Smitha.NL AE/WIO				
		1st Main Road									
		From House No 15 to G.A Medical Shop									
2	8		Sqm	1	6.00	1.60	1.60	1.60		9.60	
12	19		Sqm	1	7.00	1.30	1.30	1.30		9.10	
26	28		Sqm	1	2.00	1.20	1.20	1.20		2.40	
43	55		Sqm	1	12.00	1.70	1.70	1.70		20.40	
63	75		Sqm	1	12.00	1.55	1.55	1.55		18.60	
82	88		Sqm	1	6.00	1.50	1.50	1.50		9.00	
92	99		Sqm	1	7.00	1.50	1.50	1.50		10.50	
							Smitha.NL AE/WIO				
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
5	11		Sqm	1	6.00	1.50	1.50	1.50		9.00	
21	24		Sqm	1	3.00	1.35	1.35	1.35		4.05	
28	30		Sqm	1	2.00	1.30	1.30	1.30		2.60	
							Smitha.NL AE/WIO				
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
2	9		Sqm	1	7.00	1.60	1.60	1.60		11.20	
13	18		Sqm	1	5.00	1.45	1.45	1.45		7.25	
22	28		Sqm	1	6.00	1.40	1.40	1.40		8.40	
30	39		Sqm	1	9.00	1.70	1.70	1.70		15.30	
43	51		Sqm	1	8.00	1.45	1.45	1.45		11.60	
63	71		Sqm	1	8.00	1.25	1.25	1.25		10.00	
78	86		Sqm	1	8.00	1.80	1.80	1.80		14.40	
92	95		Sqm	1	3.00	1.65	1.65	1.65		4.95	
107	121		Sqm	1	14.00	2.50	2.50	2.50		35.00	
126	129		Sqm	1	3.00	2.00	2.00	2.00		6.00	

149.75

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Pa

2.10.20.

Contactor

Smitha NL
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
4	10		Sqm	1	6.00	1.80	1.80	1.80		10.80	
14	23		Sqm	1	9.00	1.65	1.65	1.65		14.85	
32	42		Sqm	1	10.00	1.80	1.80	1.80		18.00	
47	50		Sqm	1	3.00	1.25	1.25	1.25		3.75	
									Total	457.60	

4.10.20

Smitha. NL
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palik

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.09		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work.									
Measurements Taken On :		29/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	6		Cum	1	6.00	1.60	1.60	1.60	0.05	0.48	
12	17.5		Cum	1	5.50	1.20	1.20	1.20	0.05	0.33	
20	22		Cum	1	2.00	1.50	1.50	1.50	0.05	0.15	
						Smitha.NL AE.D10					
		1st Main Road									
		From House No 15 to G.A Medical Shop									
2	6		Cum	1	4.00	1.30	1.40	1.35	0.05	0.27	
12	18		Cum	1	6.00	1.60	1.60	1.60	0.05	0.48	
26	28		Cum	1	2.00	0.90	0.90	0.90	0.05	0.09	
43	49		Cum	1	6.00	1.10	1.10	1.10	0.05	0.33	
65	75		Cum	1	10.00	1.50	1.50	1.50	0.05	0.75	
82	86		Cum	1	4.00	1.40	1.40	1.40	0.05	0.28	
92	98		Cum	1	6.00	1.70	1.70	1.70	0.05	0.51	
						Smitha.NL AE.D10					
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
6	10		Cum	1	4.00	1.30	1.30	1.30	0.05	0.26	
15	22		Cum	1	7.00	1.45	1.45	1.45	0.05	0.51	
28	30		Cum	1	2.00	1.55	1.55	1.55	0.05	0.16	
						Smitha.NL					
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
3	9		Cum	1	6.00	1.30	1.30	1.30	0.05	0.39	
15	18		Cum	1	3.00	1.10	1.10	1.10	0.05	0.17	
22	26		Cum	1	4.00	1.60	1.60	1.60	0.05	0.32	
30	38		Cum	1	8.00	0.75	0.75	0.75	0.05	0.30	
45	49		Cum	1	4.00	1.30	1.30	1.30	0.05	0.26	
63	70		Cum	1	7.00	1.25	1.25	1.25	0.05	0.44	
78	83		Cum	1	5.00	1.45	1.45	1.45	0.05	0.36	
92	95		Cum	1	3.00	1.60	1.60	1.60	0.05	0.24	

7.07

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Pa

Contactor

Smitha.NL
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
3	5		Cum	1	2.00	1.20	1.20	1.20	0.05	0.12	
14	18		Cum	1	4.00	1.50	1.50	1.50	0.05	0.30	
35	42		Cum	1	7.00	1.70	1.70	1.70	0.05	0.60	
49	52		Cum	1	3.00	1.20	1.20	1.20	0.05	0.18	
		For Profile Correction									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	8		Cum	1	8.00	1.45	1.45	1.45	0.05	0.58	
11	18		Cum	1	7.00	1.60	1.60	1.60	0.05	0.56	
20	22		Cum	1	2.00	1.40	1.40	1.40	0.05	0.14	
		1st Main Road									
		From House No 15 to G.A Medical Shop									
2	8		Cum	1	6.00	1.60	1.60	1.60	0.05	0.48	
12	19		Cum	1	7.00	1.30	1.30	1.30	0.05	0.46	
26	28		Cum	1	2.00	1.20	1.20	1.20	0.05	0.12	
43	55		Cum	1	12.00	1.70	1.70	1.70	0.05	1.02	
63	75		Cum	1	12.00	1.55	1.55	1.55	0.05	0.93	
82	88		Cum	1	6.00	1.50	1.50	1.50	0.05	0.45	
92	99		Cum	1	7.00	1.50	1.50	1.50	0.05	0.53	
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
5	11		Cum	1	6.00	1.50	1.50	1.50	0.05	0.45	
21	24		Cum	1	3.00	1.35	1.35	1.35	0.05	0.20	
28	30		Cum	1	2.00	1.30	1.30	1.30	0.05	0.13	
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
2	9		Cum	1	7.00	1.60	1.60	1.60	0.05	0.56	
13	18		Cum	1	5.00	1.45	1.45	1.45	0.05	0.36	
22	28		Cum	1	6.00	1.40	1.40	1.40	0.05	0.42	
30	39		Cum	1	9.00	1.70	1.70	1.70	0.05	0.77	
43	51		Cum	1	8.00	1.45	1.45	1.45	0.05	0.58	
63	71		Cum	1	8.00	1.25	1.25	1.25	0.05	0.50	
78	86		Cum	1	8.00	1.80	1.80	1.80	0.05	0.72	
92	95		Cum	1	3.00	1.65	1.65	1.65	0.05	0.25	
107	121		Cum	1	14.00	2.50	2.50	2.50	0.05	1.75	
126	129		Cum	1	3.00	2.00	2.00	2.00	0.05	0.30	

7.07

Smitha.NK AE/AO

Smitha.NK AE/AO

Smitha.NK AE/AO

Smitha.NK AE/AO

20.51

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhat Bengaluru Mahanagara Pal

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
4	10		Cum	1	6.00	1.80	1.80	1.80	0.05	0.54	
14	23		Cum	1	9.00	1.65	1.65	1.65	0.05	0.74	
32	42		Cum	1	10.00	1.80	1.80	1.80	0.05	0.90	
47	50		Cum	1	3.00	1.25	1.25	1.25	0.05	0.19	
									Total	**22.88**	

20.51

Sunitha N R
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.10		Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On :		30/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	5.1		Sqm	1	5.10	4.85	4.95	4.90		24.99	
5.1	11.7		Sqm	1	6.60	4.95	4.75	4.85		32.01	
11.7	15		Sqm	1	3.30	4.35	4.45	4.40		14.52	
15	30		Sqm	1	15.00	4.45	4.50	4.48		67.13	
30	41.9		Sqm	1	11.90	5.15	4.65	4.90		58.31	
						Suvitha.NK AE No 10					
		1st Main Road									
		From House No 15 to G.A Medical Shop									
0	15		Sqm	1	15.00	4.85	5.15	5.00		75.00	
15	30		Sqm	1	15.00	5.15	4.20	4.68		70.13	
30	45		Sqm	1	15.00	4.20	4.40	4.30		64.50	
45	60		Sqm	1	15.00	4.40	4.65	4.53		67.88	
60	75		Sqm	1	15.00	4.65	4.95	4.80		72.00	
75	90		Sqm	1	15.00	4.95	4.75	4.85		72.75	
90	100.8		Sqm	1	10.80	4.75	5.00	4.88		52.65	
						Suvitha.NK AE No 10					
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
0	14		Sqm	1	14.00	5.60	5.55	5.58		78.05	
14	26.5		Sqm	1	12.50	4.90	5.25	5.08		63.44	
26.5	32.5		Sqm	1	6.00	5.40	5.90	5.65		33.90	
						Suvitha.NK AE No 10					
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
0	15		Sqm	1	15.00	3.90	3.95	3.93		58.88	
15	16.6		Sqm	1	1.60	3.45	3.20	3.33		5.32	
16.6	30		Sqm	1	13.40	3.70	4.30	4.00		53.60	
30	44		Sqm	1	14.00	4.30	4.85	4.58		64.05	
44	53.4		Sqm	1	9.40	4.45	4.65	4.55		42.77	
53.4	60		Sqm	1	6.60	5.00	5.30	5.15		33.99	
60	62		Sqm	1	2.00	5.30	5.10	5.20		10.40	
62	75		Sqm	1	13.00	4.60	4.80	4.70		61.10	
75	90.6		Sqm	1	15.60	4.70	3.90	4.30		67.08	
90.6	94.9		Sqm	1	4.30	5.30	4.90	5.10		21.93	
94.9	100.5		Sqm	1	5.60	4.05	4.55	4.30		24.08	
100.5	103.4		Sqm	1	2.90	6.25	5.20	5.73		16.60	

1360.69

ASSISTANT EXECUTIVE ENGINEER
Uttarahalli Sub-Division
Bruhat Bengaluru Mahanagara Palike

Contactor

Suvitha.NK
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
103.4	115		Sqm	1	11.60	4.75	4.50	4.63		53.65	
115	127		Sqm	1	12.00	4.50	4.50	4.50		54.00	
127	132.8		Sqm	1	5.80	5.25	5.35	5.30		30.74	
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
0	8		Sqm	1	8.00	3.30	3.40	3.35		26.80	
8	18.2		Sqm	1	10.20	3.40	3.40	3.40		34.68	
18.2	30		Sqm	1	11.80	4.30	4.45	4.38		51.63	
30	45		Sqm	1	15.00	4.45	4.20	4.33		64.88	
45	49		Sqm	1	4.00	5.20	5.20	5.20		20.80	
49	61		Sqm	1	12.00	4.70	4.75	4.73		56.70	
		Cross Road									
0	8.1		Sqm	1	8.10	6.70	6.70	6.70		54.27	
8.1	9.7	Culvert	Sqm	1	1.60	0.00	0.00	0.00		0.00	
9.7	19.3		Sqm	1	9.60	3.75	4.40	4.08		39.12	
19.3	30		Sqm	1	10.70	4.40	4.90	4.65		49.76	
		Deduction									
		Ugd Chamber	Sqm	-4	0.64					-2.54	
					Area of Circle =(3.14X0.9²)/4=0.64						
									Total	**1841.51**	

1360.69

Smitha.NK AE W10

Smitha.NK AE W10

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara Pa

Contactor Assistant Engineer Assistant Executive Engineer

PRE MEASUREMENT SHEET											
FIRST AND FINAL BILL											
Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
From	To				(m)	B1	B2	Avg B	(m)		
Item no.11		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work									
Measurements Taken On :		30/07/21									
		MuneshwaraSwami layout									
		1st Main Road									
		From mahesh memorial School To # 12 Sannidhi House									
0	5.1		Sqm	1	5.10	4.85	4.95	4.90		24.99	
5.1	11.7		Sqm	1	6.60	4.95	4.75	4.85		32.01	
11.7	15		Sqm	1	3.30	4.35	4.45	4.40		14.52	
15	30		Sqm	1	15.00	4.45	4.50	4.48		67.13	
30	41.9		Sqm	1	11.90	5.15	4.65	4.90		58.31	
						Smitha NL AE/AO					
		1st Main Road									
		From House No 15 to G.A Medical Shop									
0	15		Sqm	1	15.00	4.85	5.15	5.00		75.00	
15	30		Sqm	1	15.00	5.15	4.20	4.68		70.13	
30	45		Sqm	1	15.00	4.20	4.40	4.30		64.50	
45	60		Sqm	1	15.00	4.40	4.65	4.53		67.88	
60	75		Sqm	1	15.00	4.65	4.95	4.80		72.00	
75	90		Sqm	1	15.00	4.95	4.75	4.85		72.75	
90	100.8		Sqm	1	10.80	4.75	5.00	4.88		52.65	
						Smitha NL AE/AO					
		1st main to 2nd Main Connecting Road									
		From 1st main to 2nd main Road									
0	14		Sqm	1	14.00	5.60	5.55	5.58		78.05	
14	26.5		Sqm	1	12.50	4.90	5.25	5.08		63.44	
26.5	32.5		Sqm	1	6.00	5.40	5.90	5.65		33.90	
						Smitha NL AE/AO					
		5th Cross Road									
		From Lakshmi Nivas to #15 Narayan Swamy Nilaya									
0	15		Sqm	1	15.00	3.90	3.95	3.93		58.88	
15	16.6		Sqm	1	1.60	3.45	3.20	3.33		5.32	
16.6	30		Sqm	1	13.40	3.70	4.30	4.00		53.60	
30	44		Sqm	1	14.00	4.30	4.85	4.58		64.05	
44	53.4		Sqm	1	9.40	4.45	4.65	4.55		42.77	
53.4	60		Sqm	1	6.60	5.00	5.30	5.15		33.99	
60	62		Sqm	1	2.00	5.30	5.10	5.20		10.40	
62	75		Sqm	1	13.00	4.60	4.80	4.70		61.10	
75	90.6		Sqm	1	15.60	4.70	3.90	4.30		67.08	
90.6	94.9		Sqm	1	4.30	5.30	4.90	5.10		21.93	
94.9	100.5		Sqm	1	5.60	4.05	4.55	4.30		24.08	
100.5	103.4		Sqm	1	2.90	6.25	5.20	5.73		16.60	
103.4	115		Sqm	1	11.60	4.75	4.50	4.63		53.65	

1360.69

ASSISTANT EXECUTIVE ENGINEER
Bruhath Bengaluru Mahanagara P
Kathriguppe Sub-Division

Contactor

Smitha NL
Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
115	127		Sqm	1	12.00	4.50	4.50	4.50		54.00	
127	132.8		Sqm	1	5.80	5.25	5.35	5.30		30.74	
		Cross Road									
		From #23 Dwaraka House to #8 Halcyon Nest House									
0	8		Sqm	1	8.00	3.30	3.40	3.35		26.80	
8	18.2		Sqm	1	10.20	3.40	3.40	3.40		34.68	
18.2	30		Sqm	1	11.80	4.30	4.45	4.38		51.63	
30	45		Sqm	1	15.00	4.45	4.20	4.33		64.88	
45	49		Sqm	1	4.00	5.20	5.20	5.20		20.80	
49	61		Sqm	1	12.00	4.70	4.75	4.73		56.70	
		Cross Road									
0	8.1		Sqm	1	8.10	6.70	6.70	6.70		54.27	
8.1	9.7	Culvert	Sqm	1	1.60	0.00	0.00	0.00		0.00	
9.7	19.3		Sqm	1	9.60	3.75	4.40	4.08		39.12	
19.3	30		Sqm	1	10.70	4.40	4.90	4.65		49.76	
		Deduction									
		Ugd Chamber	Sqm	-4	0.64					-2.54	
					Area of Circle =(3.14X0.9²)/4=0.64						
									Total	**1841.51**	

1360.69

Smitha NK AE W10

Smitha NK AE W10

AFE

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.14		**Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work.**									
Measurements Taken On :		11/06/21									
		Subbanna Layout									
		2nd E Cross Road									
		From West To East									
0	15		Cum	1	15.00	5.00	4.40	4.70	0.20	14.10	
15	25		Cum	1	10.00	4.40	4.00	4.20	0.20	8.40	
25	26.2		Cum	1	1.20	4.30	4.30	4.30	0.20	1.03	
26.2	30		Cum	1	3.80	3.70	4.00	3.85	0.20	2.93	
30	41		Cum	1	11.00	4.00	4.30	4.15	0.20	9.13	
41	46.3		Cum	1	5.30	4.00	4.40	4.20	0.20	4.45	
46.3	60		Cum	1	13.70	4.40	4.30	4.35	0.20	11.92	
60	75		Cum	1	15.00	4.30	3.90	4.10	0.20	12.30	
75	83.7		Cum	1	8.70	3.90	3.40	3.65	0.20	6.35	
83.7	84.8		Cum	1	1.10	3.40	3.00	3.20	0.20	0.70	
		Doddabommasandra 4th Stage									
		1st Cross Road									
		From Dead End									
0	2.2		Cum	1	2.20	3.70	4.00	3.85	0.20	1.69	
2.2	4.3		Cum	1	2.10	3.30	3.50	3.40	0.20	1.43	
4.3	15		Cum	1	10.70	4.10	4.90	4.50	0.20	9.63	
15	25.1		Cum	1	10.10	4.90	5.15	5.03	0.20	10.15	
25.1	27		Cum	1	1.90	5.15	5.35	5.25	0.20	2.00	
									Total	**96.21**	

Suttle. NL
AE W10

Suttle. NL
AE W10

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer